

Variable Capacitance Diode

F5

Type No.	Package	Type No.	Package	V _R (V)	C _T (pF)	V _R (V)	C _T (pF)	V _R (V)	Application
ISV101	MINI	-	-	15	28~32	3	12~14	9	FM Car Radio. Portable Radio
ISV102		-		30	360~460	2	15~21	25	AM HiFi Tuner
ISV103		ISV225		35	37~42	3	13.2~16.2	25	FM HiFi Tuner
ISV147		ISV228		15	28.5~32.5	3	11.7~13.7	8	FM Car Radio. Portable Radio
ISV149		HN1V01H, HN1V02H, HN2V02H	FM8	15	435~540	1	19.9~30.0	8	AM Car Radio. Portable Radio

Type No.	Package	Type No.	Package	Type No.	Package	V _R (V)	C _T (pF)	V _R (V)	C _T (pF)	V _R (V)	Application
ISV153/153A	SMC	ISV214	USC	ISV254	SSC	30	14.16~16.25	2	2.11~2.43	25	VHF, UHF Tuner
ISV161		ISV215		ISV255		30	26~32	2	2.5~3.2	25	CATV Tuner
ISV186		-		-		30	3.85	2	0.74	25	BS Tuner
ISV211		ISV217		-		30	33~39	2	2.6~3.2	25	CATV Tuner
ISV212		ISV229		ISV257		15	14~16	2	5.5~6.5	10	UHF VCO
ISV224		ISV230		ISV258		30	15	2	1.9	20	CATV Converter
ISV226		ISV231		-		30	41~49.5	2	2.7~3.4	25	CATV Tuner
ISV227		ISV232		ISV259		30	28~32	2	2.75~3.1	25	CATV Tuner
-	-	ISV238	USC	-	SSC	30	31~38	2	2.75~3.25	25	CATV Tuner
-	-	ISV262		-		34	33~38	2	2.6~3.0	25	CATV Tuner
-	-	ISV239		ISV260		15	3.8~4.7	2	1.5~2.0	10	UHF VCO
-	-	ISV245		ISV261		30	3.31~4.55	2	0.61~0.77	25	BS Tuner
ISV242	SUPER MINI	-		-		30	36~42	1	2.43~3.0	28	CATV Tuner

AFC

F5

Type No.	Package	Type No.	Package	Type No.	Package	V _R (V)	C _T (pF)	V _R (V)	Application
ISV204	SMC	ISV216	USC	ISV256	SSC	30	10.5~16	2	VHF, UHF TV AFC

Pin Diode

F5

Type No.	Package	Type No.	Package	Type No.	Package	V _R (V)	I _F (mA)	r _s (Ω)	I _F (mA)	f(MHz)	Application
ISS238	1-2H1A	-	-	-	-	20	100	0.9Max	2	100	VHF TV Band SW
ISS241	SMC	ISS314	USC	ISS371	SSC	30	100	0.9Max	2	100	
ISS268	(Cathode Common)	ISS312	(Cathode Common)	-	-	30	50	0.9Max	2	100	
ISS269	(Anode Common)	ISS313	(Anode Common)	-	-	30	50	0.9Max	2	100	
ISV128	SM	ISV172	SM (Twin)	-	-	50	50	7Typ	10	100	VHF, UHF Band SW, ATT
ISV237	SMQ (Twin)	-	-	-	-	50	50	4Typ	10	100	

Mixer Diode

F5

Type No.	Package	V _R V _{RM} (V)	I _F (mA)	V _F (TYP.) (V)	I _F (mA)	C _T (TYP.) (pF)	V _R (V)	Application
1SS154	S-MINI (Single)	6	30	0.5	10	0.8	0	VHS-S Band MIX
1SS239	SMC	6	30	0.5	10	0.8	0	
1SS271	S-MINI (Twin)	6	30	0.55	10	0.9	0	
S3275	FM8	6	15	0.53	10	0.65	0	VHF UHF MIX
1SS242	SMC	5*	30	0.25	2	0.6	0.2	UHF MIX
1SS295	S-MINI (Twin)	4	30	0.25	2	0.8	0.2	
1SS315	USC	*5	30	0.25	2	0.6	0.2	